



# EU-Type Examination Certificate

with respect to the presumption of  
Compliance of a product with the essential requirements of

## RE DIRECTIVE 2014/53/EU

Certificate Number	RE-17072604
Certificate Holder	Shanghai MXCHIP Information Technology Co., Ltd
Address	9thFloor, No.5, Lane2145JinshaJiangRoad, Putuo District, ShangHai (200333)
Manufacturer	Shanghai MXCHIP Information Technology Co., Ltd
Address	9thFloor, No.5, Lane2145JinshaJiangRoad, Putuo District, ShangHai (200333)
Product Type/Description	Embedded WiFi module
Trade Name	MXCHIP
Model Number	EMW3162, EMW3162-P, EMW3162-E
Product Identification Element	EMW3162

Applied / Complied Harmonized Standards		Complied
RE Directive 2014/53/EU, Article 3(1)(a) ■ Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Y
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health	EN 62311:2008	Y
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 300 328 V2.1.1	Y

Authorized By:

Leslie Bai, Director of Certification

Issue Date: July 26, 2017

Expiry Date: July 25, 2022

PS: This Certificate is Issued in Accordance with Annex III of the RE Directive 2014/53/EU and is only valid in Conjunction with the Following Annex I.  
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## Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-17072604

Product Specifications	
Frequency Range	2412-2472 MHz
RF Output Power (EIRP)	11b: 17.9 dBm, 11g: 15.2 dBm, 11n20: 14.2 dBm
Type of Antenna	PCB/IPEX
Modulation	DSSS (BPSK/QPSK/CCK), OFDM (BPSK/QPSK/16QAM/64QAM)
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	-

## Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	17020621-CE-S, 17020621-CE-H1
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	17020621-CE-E1
RE Directive 2014/53/EU, Article 3(2) ■ Radio	17020621-CE-R1
User Manual	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block Diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
Declaration of Conformity	<input checked="" type="checkbox"/>
PCB layout	<input checked="" type="checkbox"/>
Operation description	<input checked="" type="checkbox"/>
Risk Assessment	<input checked="" type="checkbox"/>
EUT photo	<input checked="" type="checkbox"/>
Declaration letter of operating in one member state	<input checked="" type="checkbox"/>

Based on the evidence presented, our certificate in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state. No configuration, other than described above, has been considered and is therefore not included in this certificate.

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Please check the validation of this certificate at [http://certdatabase.siemec.com/siemec\\_db/public/certverification.asp](http://certdatabase.siemec.com/siemec_db/public/certverification.asp)